

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A flexible monolithic electronic device, ~~provided with~~ comprising:

~~an insulating~~ a substrate layer of electrically insulating material having a first side and an opposed second side, which ~~insulating-substrate~~ layer is provided with a first aperture extending from the first to the second side;

an active layer of a semiconductor material disposed on and in contact with the first side of the ~~insulating-substrate~~ layer, in and on which active layer at least one switching element is defined, which element is provided with a first electrode in the active layer;

a flexible coating formed on the ~~second-first~~ side of the ~~insulating-substrate~~ layer and acting as a protective cover for the at least one switching element; and

a functional layer ~~being present~~ disposed on the second side of the ~~insulating-substrate~~ layer and ~~being~~ electrically connected to the first electrode through the first aperture in the ~~insulating~~

substrate layer.

2. (Canceled)

3. (Previously presented) The flexible electronic device as claimed in Claim 1, wherein the functional layer is an electro-optical layer which constitutes, in conjunction with a switching element, a display pixel.

4. (Previously presented) The flexible electronic device as claimed in claim 3, wherein an electrically conductive layer is present between the active layer and the functional layer, and a pixel electrode defined in the conductive layer.

5. (Currently amended) The flexible electronic device as claimed in claim 4, wherein the display pixel comprises a capacitor with a first and a second electrode and a dielectric, which first electrode is present in the electrically conductive layer and which second electrode is defined in the active layer, the ~~insulating~~ substrate layer acting as a dielectric.

6. (Currently amended) A flexible electronic device as claimed in claim 5, wherein the ~~insulating-substrate~~ layer is provided with a high-K area which acts as the dielectric of the capacitor.

7. (Previously presented) The flexible electronic device as claimed in claim 3, wherein the switching element is part of an array of switching elements present in and on the active layer, which array is driven by a driving circuit comprising an integrated circuit of circuit elements present in and on the active layer.

8. (Canceled)

9. (Previously presented) An apparatus comprising a flexible device according to Claim 1.

10. (Canceled)

11. (Previously presented) A rollable cartridge comprising the flexible electron device according to Claim 3.

12-13. (Canceled)